

<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use Several Sheets If Necessary)</i>				Docket No. P-046.61A	Application No. <u>Unknown</u>
				Applicant: <u>Orton et al.</u>	
				Filing Date: <u>Herewith</u>	Group Art Unit <u>2764</u> 2193

U.S. PATENT DOCUMENTS							
Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Q</i>	AA*	5,181,162	01/19/93	Smith et al.	715 364	530 410	
	AB*	5,151,987	09/29/92	Abraham et al.	714 395	20 575	
	AC*	5,136,705	08/04/92	Stubbs et al.	714 395	27 575	
	AD*	5,133,075	07/21/92	Risch	707 395	201 800	
	AE*	5,125,091	06/23/92	Staas, Jr. et al.	718 395	101 650	
	AF*	5,093,914	03/03/92	Coplien et al.	717 395	129 700	
	AG*	5,075,848	12/24/92	Lai et al.	711 395	152 445	
	AH*	5,060,276	10/22/92	Morris et al.	382	151 8	
	AI*	5,050,090	09/17/91	Golub et al.	700 364	217 470	
	AJ*	5,041,992	08/20/91	Cunningham et al.	345 364	641 510	
<i>Q</i>	AK*	4,953,080	08/28/90	Dysart et al.	707 364	103R 200	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation
							Yes No
	AL						
	AM						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>Q</i>	AN*	Julin, D.P. et al., "Generalized Emulation Services for Mach 3.0--Overview, Experiences and Current Status," <i>USENIX Association--Mach Symposium Proceedings</i> , Nov. 1991, pp. 13-26					
	AO*	Malan, G. et al., "DDS as a Mach 3.0 Application," <i>USENIX Assoc.--Mach Symposium Proceedings</i> , Nov. 1991, pp. 27-40					
	AP*	Rashid, R., "A Catalyst for Open Systems," <i>Datamation</i> , May 15, 1988, p. 32-33					
	AQ*	Guedes, Paulo, "O-O Interfaces in the Mach 3.0 Multi-Server System," <i>IEEE 1991</i>					
	AR*	Rashid, R. "Mach: A Foundation for Open Systems," Carnegie Mellon University, <i>IEEE 1989</i>					
	AS*	Foley, M.J., "Taligent, IBM draw closer," <i>PC Week</i> , Feb. 21, 1994, vol. 11, No. 7, p.8					
<i>Q</i>	AT*	Franz, M., "Emulating an Operating System on Top of Another," 1993 by John Wiley & Sons. Ltd.					

EXAMINER: <i>Chen, Q.</i>	DATE CONSIDERED: 2-8-07
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the Applicant.	
(2/92 PTO)	

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				Applicant: Orton et al.		Filing Date: Herewith		Group Art Unit 2764 2193	
<b>U.S. PATENT DOCUMENTS</b>									
Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate		
Q	BA*	4,891,630	01/02/90	Friedman et al.	345 340	156 708			
	BB*	4,885,717	12/05/89	Beck et al.	717 384	125 908			
	BC*	4,821,220	04/11/89	Duisberg	703 364	2 578			
	BD*	5,119,475	06/02/92	Smith et al.	715 395	866 188			
	BE*	4,456,954	06/84	Bullions, III et al.	711 384	207 208			
	BF*	4,530,052	07/85	King et al.	713 384	100 208			
	BG*	5,274,821	12/93	Rouquie	717 385	139 208			
	BH*	5,280,610	01/94	Travis, et al.	707 395	103 608			
	BI*	5,287,507	02/94	Hamilton et al.	719 395	315 650			
	BJ*	5,293,385	03/94	Hary	714 374	38 10			
Q	BK*	5,339,422	08/94	Brender et al.	714 395	4 208			
<b>FOREIGN PATENT DOCUMENTS</b>									
Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation		
							Yes	No	
	BL								
	BM								
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
Q	BN*	IBM C/C++TOOLS: 'User Interface Class Library Reference' May 1993, IBM Part No.: 61G1179, DENMARK. See p. 464, lines 1-11							
	BO*	Petzold, Charles, "Intro to OS/2 Function Calls," PC Magazine, vol. 6, no. 18, 27 Oct. 1987, NY, US, pp. 375-380							
	BP*	Breisacher, Lee, "Smalltalk/V Presentation Mgr.," OS/2 NOTEBOOK: The Best of IBM Personal Systems Developer, (Dick Conklin, General Editor), 1990, Microsoft Press, Redmond, US, pp. 226-232							
	BQ*	IBM C/C++TOOLS, "Programming Guide," March 1993, IBM Part No.: 61G1181, DENMARK. See p. 35, line 1; see page 438, lines 1-6							
Q	BR	Bernabeau-Auban et al., "Clouds—A Distributed Object-Based Operating System Architecture and Kernel Implementation," New Directions for Unix. Proc. Autumn 1988 EUUG Conf. Oct. 3, 1988, Cascais, Portugal, pp. 25-37							
EXAMINER: <i>Chas, Q</i>				DATE CONSIDERED: 2-8-07					
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				Applicant: <u>Orton et al.</u>	10/648,271
				Filing Date: <u>Herewith</u>	Group Art Unit <u>2764 2193</u>

U.S. PATENT DOCUMENTS							
Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Q	CA*	5,341,478	08/94	Travis, Jr. et al.	709 395	203 200-	
	CB*	5,321,841	06/14/94	East et al.	718 395	107 725	
	CC*	5,325,522	06/28/94	Vaughn	707 395	1 600	
	CD*	5,325,481	06/28/94	Hunt	715 395	809 159	
	CE*	5,317,741	05/31/94	Schwanke	717 395	120 700	
	CF*	5,325,524	06/28/94	Black	707 395	10 600	
	CG*	5,315,703	05/24/94	Matheny et al.	715 395	700 164	
	CH*	5,313,636	05/17/94	Noble et al.	707 395	1 700	
	CI*	5,315,709	05/24/94	Alston, Jr. et al.	707 395	6 600	
	CJ*	4,722,048	01/88	Hirsch et al.	718 395	102 650	
Q	CK*	5,136,711	08/92	Huggard et al.	713 395	2 700	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation
							Yes No
Q	CL	WO/A04988	03/94	WIPO	G06F 15	62	
	CM						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Q	CN	Daponte et al., "Object-Oriented Design of Measurement Systems," <i>Conference Record of IEEE Instrumentation and Measurement Technology Conference</i> , May 12, 1992, New York, pp. 243-248					
	CO	Dohlberg, S, "Galaxy from Visix", <i>Open Information Systems</i> , vol. 7, No.10, Oct. 1992, pp. 1-16					
	CP	Hruschka, "Towards an Object Oriented Method for System Architecture Design," <i>Proceeding of the 1990 IEEE International Conference on Computer Systems and Software Engineering</i> , COMPEURO '90, May 8, 1990, Tel Aviv, pp 12-17					
	CQ	McCormack et al., "Using the Toolkit or How to Write a Widget," <i>Proc. Of the Summer 1988 USENIX Conf.</i> , 20 Jun. 1988, San Francisco, pp. 1-13					
Q	CR	Musser, John, "Extending streambufs: class logstrbuf" <i>C++ Report</i> , 4(3), Mar 1992, pp. 51-55					

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<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Ch</i>	DA*	5,179,703	01/93	Evans	717 395	122 700	
	DB*	5,339,438	08/16/94	Conner et al.	717 395	153 700	
	DC*	5,325,533	06/28/94	McInerney et al.	717 395	107 700	
	DD*	5,339,430	08/94	Lundin et al	719 395	332 700	
	DE*	5,361,350	11/94	Conner et al.	707 395	103 600	
	DF*	5,361,358	11/94	Cox et al.	717 395	174 700	
	DG*	5,404,529	04/95	Chernikoff et al.	719 395	315 700	
	DH*	5,379,432	01/95	Orton et al.	719 395	315 700	
	DI*	5,297,284	03/22/94	Jones et al.	717 395	137 700	
	DJ*	5,475,845	12/12/95	Orton et al.	719 395	328 682	
<i>Ch</i>	DK*	5,327,562	07/05/94	Adcock	717 395	141 700	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation
							Yes
	DL						
	DM						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>Ch</i>	DN	Schmidt, Doug, "Systems Programming with C++ Wrappers: Encapsulating IPC Services," <i>C++ Report</i> , 4(8), Oct. 1992, pp. 50-54					
	DO	Schmidt, Doug, "An Object-Oriented Interface to IPC Services," <i>C++ Report</i> , 4(9), Nov. 1992, pp. 48-54					
	DP	Schmidt, Doug, "Encapsulating Operating Systems IPCs: An Object-Oriented Interface for Event-Driven UNIX I/O Multiplexing," <i>C++ Report</i> , 5(2), Feb. 1993, pp. 43-50					
	DQ	Adler, R.M., "A Hierarchical Distributed Control Model for Coordinating Intelligent Systems," <i>Telomatics and Informatics</i> , vol. 8(4), 1991, U.S., pp. 385-402					
<i>Ch</i>	DR	Guerraoui et al., "Distributed Programming in GARF," <i>Object-Based Distributed Programming ECOOP '93 Workshop</i> , Jul. 26, 1993, Kaiserslautern, DE pp. 225-239					
EXAMINER: <i>Ch</i>				DATE CONSIDERED: 2-8-07			
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				Applicant: Orton et al.			
				Filing Date: Herewith		Group Art Unit 2784 2183	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Q	EA	4,926,322	05/90	Stimac et al.	703 364	23 200	
	EB	4,974,159	11/90	Hargrove et al.	703 364	27 200	
	EC	5,237,669	08/93	Spear et al.	711 395	2 400	
	ED	5,280,583	01/94	Nakayama et al.	709 395	205 200	
	EE	5,471,568	11/28/95	Webb et al.	382 395	199 133	006/30/93
	EF	5,455,951	10/03/95	Bolton et al.	718 395	103 200	07/19/93
	EG	4,493,080	08/85	<i>Campbell</i> Dysart et al.	714 364	75T 200	
	EH	4,704,694	11/87	Czerniejewski	382	288 25*	
	EI	5,063,375	11/91	Lien et al.	345 394	616 140	
	EJ	5,155,558	10/92	Tannenbaum et al.	356 392	446 8*	
Q	EK	5,473,777	12/05/95	Moeller et al.	719 396	328 700	07/19/93
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation
							Yes
	EL						
	EM						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Q	EN	Motro et al., "The Design of KIVIEW: An Object-Oriented Browser," Proc. 2 <sup>nd</sup> Intl. Conf. on Expert Database Systems, Apr 25, 1988, pp. 107-131					
	EO	IBM Technical Disclosure Bulletin, "Process Element Wrapper and the Context Verb Object Method Registry," vol. 34(10A), Mar. 1992, New York, pp. 433-435					
	EP	Goodman, "Knowledge-Based Computer Vision," Computer, V.22(12), Dec 1989, Long Beach CA, pp. 43-54					
	EQ	Drake, "Objects and Images," Computer Systems, V.10(1), Jan 1990, Bromley, GB, pp. 31-32					
Q	ER	Fiume, "Active Objects in the Construction of Graphical User Interfaces," Computers and Graphics, V.13(3), Oxford, GB, pp. 321-327					
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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>		Attorney Docket: 4386-7004US1	Serial No.: TBA
		Applicant: Orton et al.	
		Filing Date: 8/27/03	Group Art Unit: TBA 2193

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	5,379,432	01/03/95	Orton et al.	719	315	
	AB	5,475,845	12/12/95	Orton et al.	719	328	
	AC	6,606,742	08/12/03	Orton et al.	717	140	
	AD						
	AE						
	AF						
	AG						
	AH						
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	AK						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AO						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	AR	
	AS	
	AT	

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